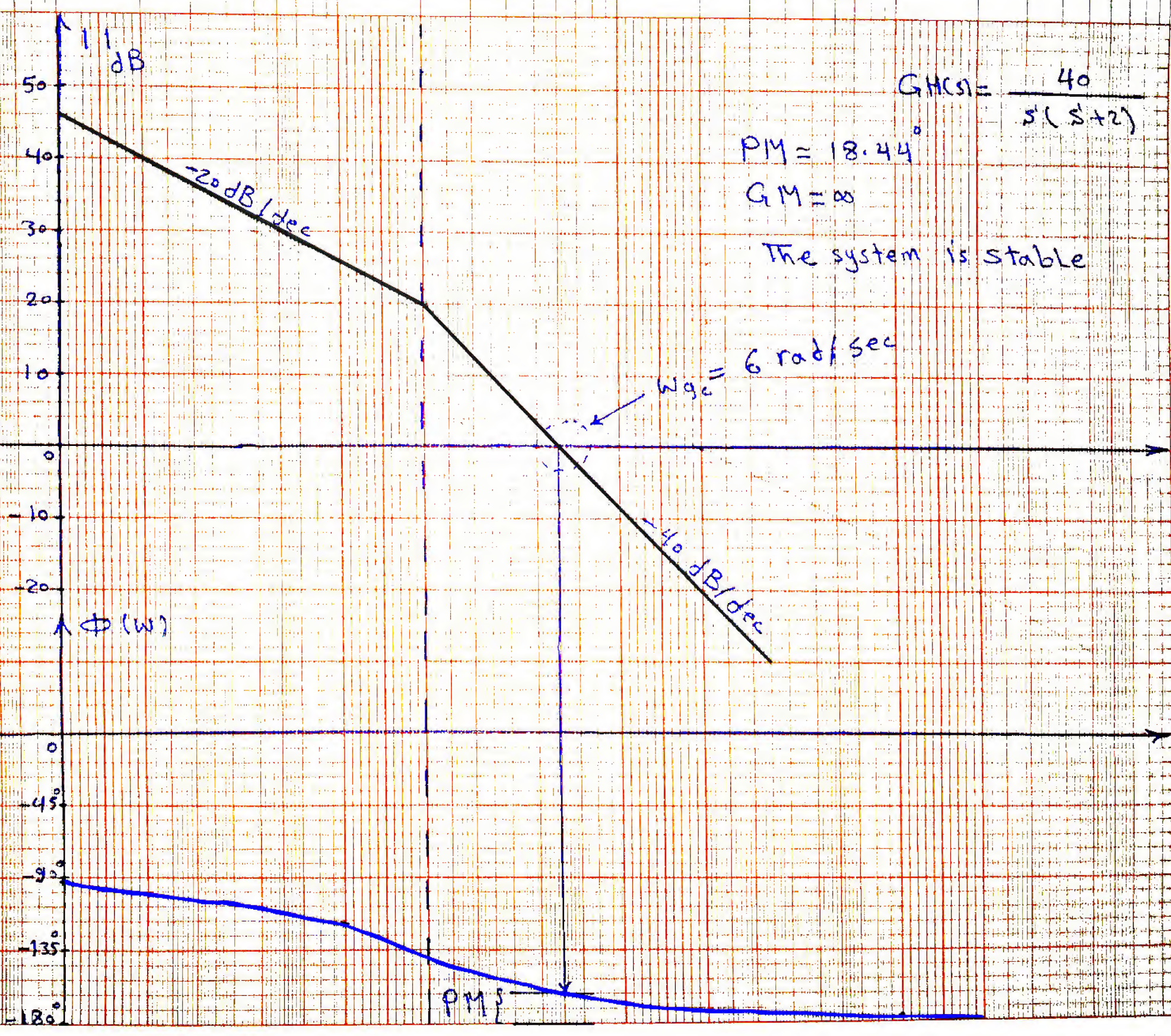


0.1 0.2 0.3 1 2 3 10 20 30 100 200 300 1000



$$G(s) = \frac{40}{s(s+2)}$$

$$PM = 18.44^\circ$$

$$GM = \infty$$

The system is stable

$$G_H(s) = \frac{10}{s(1 + \frac{s}{20})(1 + \frac{s}{5})}$$

PM $\approx 17^\circ$
GM ≈ 3 dB

The system is stable

